

# Bibliographic Data /sent by Documentation, CETIOM

forwarded by Danièle Rivaud and Françoise Marais.

## AGRONOMY

### 35648 RAPACZ M.

The effects of ABA and GA(3) treatments on resistance to frost and highlight treatment in oilseed rape leaf discs.*Acta Physiologiae Plantarum* 2002, Vol. 24, n° 4, p. 447-457 COLZA/ FROID/ RESISTANCE/ ACIDE ABSCISSIQUE/ ANTHOCYANINE/ GIBBERELLINE/ REGULATEUR DE CROISSANCE

### 36334 SI P./MAILER R.J./GALWEY N./TURNER D.W.

Influence of genotype and environment on oil and protein concentrations of canola (*Brassica napus L.*) grown across southern Australia.

*Aust. J. Agricultural Research* 2003, Vol. 54, n° 4, p. 397-407  
GE NOTYPE/ENVIRONNEMENT/HUILE/

PROTEINE/CANOLA/COLZA/BRASSICA NAPUS

### 36464 CARRIER P./BARYLA A./HAVAUX M.

Cadmium distribution and microlocalization in oilseed rape (*Brassica napus*) after long-term growth on cadmium-contaminated soil. *Planta* 2003, Vol. 216, n° 6, p. 939-950  
COLZA/CADMIUM/SOL/CONTAMINATION/

MICROLOCALISATION/METAUX/

### 36503 CETIOM

Implantation du colza : partez du bon pied !

*Conseils Régions Ouest - CETIOM* 2003, juin, 2 p. COLZA/ IMPLANTATION/ DATE/ SEMIS/ VARIETE/SEMOIR MONOGRAINE/

### 36504 CETIOM

Implantation du colza : partez du bon pied !

*Conseils Régions Sud - CETIOM* 2003, juin, 2 p.  
COLZA/ IMPLANTATION/ DATE/ SEMIS/ NON LABOUR/ LABOUR/TRAVAIL DU SOL/

### 36510 KNAUFF U./SCHULZ M./SCHERER H.W.

Arylsufatase activity in the rhizosphere and roots of different crop species.

*European Journal of Agronomy* 2003, Vol. 19, n° 2, p. 215-223  
COLZA/RHIZOSPHERE/SOUFRE/MINERALISATION/SYSTEME RACINAIRE/

### 36554 OZER H.

Sowing date and nitrogen rate effects on growth, yield and yield components of two summer rapeseed cultivars

. *European Journal of Agronomy* 2003, Vol. 19, n° 3, p. 453-463

COLZA/DATE/AZOTE/SEMIS/CROISSANCE/FERTILISATION/COMPOSANTE DU RENDEMENT

### 36587 HGCA

Establishing oilseed rape using Autocast.

*HGCA Topic Sheet*

2002, n° 59, summer, 2 p.  
COLZA/SEMOIR/AUTOCAST/ENQUETE/SEMIS/

**36321** MESSEGUER J.

Gene flow assessment in transgenic plants.

*Plant Cell Tissue and Organ Culture*

2 003, Vol. 73, n° 3, p. 201-212

COLZA/RISQUE/FLUX DE GENES/PLANTE TRANSGENIQUE/POLLINISATION/

**36465** REBOUD X.

Effect of a gap on gene flow between otherwise adjacent transgenic Brassica napus crops.

*Theoretical and Applied Genetics* 2003, Vol. 106, n° 6, p. 1048-1058

COLZA/ GAP/ FLUX DE GENES/ DISPERSION/ POLLEN

**36083** MARLES M.A.S./GRUBER M.Y./SCOLES G.J./MUIR A.D.

Pigmentation in the developing seed coat and seedling leaves of Brassica carinata is controlled at the dihydroflavonol reductase locus.

*Phytochemistry*

2003, Vol. 62, n° 5, p. 663-672

BRASSICA CARINATA/COLZA/FEUILLE/PIGMENT/PELLICULE/FLAVONOIDE/TANNIN/

**36461** CUI J.Y./WANG J.G./ZHANG F.S.

Effect of phlogopite on plant growth under phosphorus deficiency.

*Communications in Soil Science and Plant Analysis*

2003, Vol. 34, n° 7-8, p. 1135-1152

COLZA/CARENCE/POTASSIUM/PHOSPHORE/

**36216** WANG H.Y./WANG Y.H./DU C.W.

Effects of boron and calcium supply on calcium fractionation in plants and suspension cells of rape cultivars with different boron efficiency.

*J. Plant Nutrition*

2003, Vol. 26, n° 4, p. 789-806

COLZA/BORE/CALCIUM/CULTIVAR/

**36460** LOU Y.S./LIANG Y.C./YANG Y./BELL R.W.

Effect of fertilization on plant growth and nutrient uptake in oilseed rape under varying boron supply.

*Communications in Soil Science and Plant Analysis*

2003, Vol. 34, n° 7-8, p. 1059-1075

COLZA/FERTILISATION/BORE/CROISSANCE

O LIGO ELEMENT/CULTIVAR/

**36509** MOERSCHNER J./LUCKE W.

Energy investigations of different intensive rape seed rotations - A German case study.

*Economics of Sustainable Energy in Agriculture*

2002, Vol. 24, p. 27-40

COLZA/ALLEMAGNE/GRAINE/ROTATION/SYSTEME DE CULTURE/ENERGIE/EFFET DE SERRE/

**36513** YE Z.Q./HUANG L.B./BELL R.W./DELL B.

Low root zone temperature favours shoot B partitioning into young leaves of oilseed rape (*Brassica napus*). *Physiologia Plantarum*

2003, Vol. 118, n° 2, p. 213-220

COLZA/SYSTEME RACINAIRE/TEMPERATURE/CARENCE/BORE/FEUILLE/

**36566** RIUNGU T.C./MCVETTY P.B.E.

Development and evaluation of *Diplotaxis muralis* (Mur) cytoplasmic male sterility system in summer rape

*Canadian Journal of Plant Science*

2003, Vol. 83, n° 2, p. 261-269

COLZA DE PRINTEMPS/ STERILITE MALE CYTOPLASMIQUE/ TEMPERATURE/HETEROSIS/ DIPIOTAXIS MURALIS

**36567** FALK K.C./WOODS D.L.

Seed yield of successive synthetic generations in summer turnip rape.

*Canadian Journal of Plant Science*

2003, Vol. 83, n° 2, p. 271-274

COLZA/GRAINE/RENDEMENT/VARIETE/VARIETE SYNTHETIQUE/CANADA/BRASSICA CAMPESTRIS/BRASSICA RAPA/NAVETTE/

**36568** HARKER K.N./CLAYTON G.W./BLACKSHAW R.E.

Seeding rate, herbicide timing and competitive hybrids contribute to integrated weed management in canola (*Brassica napus*).

*Canadian Journal of Plant Science* 2003, Vol. 83, n° 2, p. 433-440

COLZA/CANOLA/HERBICIDE/DESERBAGE/HYBRIDE/DENSITE/SEMIS/LUTTE INTEGREE/ADVENTICE/TECHNIQUE CULTURALE/

**36630** RENNER E./MUNZENBERG A.

Impact of biogenic terpene emissions from *Brassica napus* on tropospheric ozone over Saxony (Germany) - Numerical investigation.

*Environmental Science and Pollution Research*

2003, Vol. 10, n° 3, p. 147-153

COLZA/TERPENE/EMISSION/ATMOSPHERE/ENVIRONNEMENT/OZONE/MODELE/

**36647** QASIM M./ASHRAF M./AMIR JAMIL M.

Water relations and leaf gas exchange properties in some elite canola (*Brassica napus*) lines under salt stress. *Annals of Applied Biology* 2003, Vol. 142, n° 3, p. 307-316

COLZA/ CO2/ STRESS/ SALINITE/ EAU/PHOTOSYNTHÈSE/ NACL/CHLORURE DE SODIUM/

**36664** JOHNSON B.L./HANSON B.K.

Row-spacing interactions on spring canola performance in the northern great plains.

*Agronomy Journal*

2003, Vol. 95, n° 3, p. 703-708

COLZA DE PRINTEMPS/USA/ECARTEMENT/RENDEMENT/OGM/HYBRIDE/SEMIS/DENSITE/

**36674** WALIGORA C.

Faire de la paille un atout implantation du colza.

*TCS - Techniques Culturales Simplifiées*

2003, n° 23, mai-juin-juillet, p. 08-09

COLZA/TCS/GRAINE/IMPLANTATION/RENDEMENT/SEMIS DIRECT/ENFOUISSEMENT/PAILLE/

**36675** Faire de la paille un atout. Les avantages du semis monograine.

*TCS - Techniques Culturales Simplifiées*

2003, n° 23, mai-juin-juillet, p. 10

COLZA/PAILLE/BLE/SEMIS MONOGRAINE/DENSITE/DATE/LEVÉE/

**36688** UPADHYAY E./KHAN A.A.

Evaluation of oilseed crops to different concentrations of fly ash.

*Tests of Agrochemicals and Cultivars*

2003, n° 23, p. 24-25

BRASSICA JUNCEA/LIN/CHARBON/CENDRE VOLANTE/COMPOSITION/FERTILISATION/

**36744** KARAMANOS R.E./HARAPIAK J./FLORE N.A.

Canola response to boron in Canadian prairies soils.

*Canadian Journal of Plant Science*

2003, Vol. 83, n° 2, p. 249-259

CANOLA/BORE/CANADA/OLIGOELEMENT/HUILE/GRAINE/RENDEMENT/

**36764** RROCO E./KOSEGARTEN H./HARIZAJ F.

The importance of soil microbial activity for the supply of iron to sorghum and rape.

*European Journal of Agronomy*

2003, Vol. 19, n° 4, p. 487-493

COLZA/SORGHO/FER/SOL/MICROORGANISME/

**36786** PALLEAU J.P./CHOLLET D./RUCK L./SIMONIN P.

Le colza, la bonne surprise de l'année, sauf dans le sud de la zone Est CETIOM, malgré un contexte climatique souvent très difficile. Réseau d'essais variétés de colza, premiers résultats avant rendements.

*Oléotech - Lettre technique régionale du CETIOM*

2003, n° 8, juillet, 17 p.

COLZA/RENDEMENT/EST/TEMPERATURE/2003/VARIETE/CLIMAT/

**36790** DUROUEIX F./VOGRINCIC C./CHOLLET D.

Bilan de la campagne colza d'hiver 2002-2003 dans le Sud. Colza : les nouvelles variétés pour les semis

2003.*Oléotech - Lettre technique régionale du CETIOM*

2003, août, 10 p.

COLZA/VARIETE/2003/RECOLTE/RENDEMENT/SUD/

**36791** CHARBONNAUD J./ LACOTTE J.C./ QUARTIER V.

Bilan de campagne et synthèse variétale colza 2002-2003.

*Oléotech - Lettre technique régionale du CETIOM*

2003, n° 4, août, 11 p.

COLZA/RENDEMENT/RECOLTE/2003/TENEUR/HUILE/GLUCOSINOLATE/VARIETE/BILAN/

**36792** BAUDET J.J./MOTARD C./QUARTIER V.

Bilan de campagne et synthèse variétale colza 2002-2003. Basse Normandie - Bretagne - Pays de la Loire.

*Oléotech - Lettre technique régionale du CETIOM*

2003, n° 4, août, 9 p.

COLZA/RENDEMENT/VARIETE/2003/ BASSE NORMANDIE/BRETAGNE/PAYS DE LA LOIRE/TENEUR/HUILE/GLUCOSINOLATE/BILAN/

**36793** LESPINAS J.L./QUARTIER V./MOTARD C.

Bilan de campagne et synthèse variétale colza d'hiver 2002-2003.

*Oléotech - Lettre technique régionale du CETIOM*

2003, n° 4, août, 9 p.

COLZA/RECOLTE/2003/RENDEMENT/TENEUR/HUILE/PROTEINE/85/86/16/79/17/35

/37/24/BILAN/

**36803** ANGADI S.V./CUTFORTH H.W./MC CONKEY B.G./GAN Y.

Yield adjustment by canola grown at different plant populations under semi arid conditions.

*Crop Science*

2003, Vol. 43, n° 4, p. 1358-1366

COLZA/CANOLA/CLIMAT/TEMPERATURE/CONDITION SEMI ARIDE/

**35426** JANSEN M.A.K.

Ultraviolet-B radiation effects on plants: induction of morphogenic responses.

*Physiologia Plantarum*

2002, Vol. 116, n° 3, p. 423-429  
COLZA/BRASSICA NAPUS/AUXINE/RAYONNEMENT/HYPOCOTYLE/ELONGATION/STADE VEGETATIF

**36044**BROWN P.D./TOKUHISA J.G./REICHELT M.

Variation of glucosinolate accumulation among different organs and developmental stages of *Arabidopsis thaliana*.

***Phytochemistry***

2003, Vol. 62, n° 3, p. 471-481

ARABIDOPSIS

THALIANA/GLUCOSINOLATE/VARIATION/ITC/SOTHIOCYANATE/COLZA/BRASSICA NAPUS/GERMINATION/SENESCENCE/

**36065**HINSINGER P./PLASSARD C./TANG C.X./JAILLARD B.

Origins of root-mediated pH changes in the rhizosphere and their responses to environmental constraints: A review.

***Plant and Soil***

2003, Vol. 248, n° 1-2, p. 43-59

COLZA/ SYSTEME RACINAIRE/ PH/ RHIZOSPHERE/ ALUMINIUM/TOXICITE/

**36087** WENZEL W.W./UNTERBRUNNER R./SOMMER P./SACCO P.

Chelate-assisted phytoextraction using canola (*Brassica napus L.*) in outdoors pot and lysimeter experiments.

***Plant and Soil***

2003, Vol. 249, n° 1, p. 83-96

PHYTOEXTRACTION/COLZA/CANOLA/PHYTOREMEDIATION/ZINC/METAUX/

**36115**HARKER M./HELLYER A./CLAYTON J.C./DUVOIX A./LANOT A

Co-ordinate regulation of sterol biosynthesis enzyme activity during accumulation of sterols in developing rape and tobacco seed. *Planta*

2003, Vol. 216, n° 4, p. 707-715

COLZA/BIOSYNTHÈSE/STEROL/

**36125**RIFE C.L./ZEINALI H.

Cold tolerance in oilseed rape over varying acclimation durations.

***Crop Science***

2003, Vol. 43, n° 1, p. 96-100

COLZA/VERNALISATION/TOLERANCE/FROID/CLIMAT/TEMPERATURE/

**36735** FILEK M./BIESAGAKOSCELNIAK J./MARCINSKA I.

The effects of electric current on flowering of grafted scions of nonvernalized winter rape.

***Biologia Plantarum***

2003, Vol. 46, n° 4, p. 625-628

BRASSICA NAPUS/COLZA/FLORAISON/VERNALISATION/PHOTOPERIODISME/ELECTRICITE

**37058**SCHNEIDER O./ROGER ESTRADE J./AUBERTOT J.N./DORE T.

Analysis of the effects of superficial and deep soil tillage on the vertical distribution of oilseed rape stubble : contribution to the integrated pest management of phoma stem canker.

***11th International Rapeseed Congress. 2003, 06-10 july. Copenhagen, Denmark.***

2003 Vol. 3, p. 854-856 COLZA/ TRAVAIL DU SOL/MALADIE/LEPTOSPHAERIA

MACULANS/PHOMA/RESIDU/LUTTE INTEGREE/PAILLE/PROFONDEUR/ CONDUITE DE CULTURE/

**37053**AUBERTOT J.N./DORE T./LE FLOCH D./PINOCHEZ X.

Cultural control : an alternative method for containing phoma stem canker (*Leptosphaeria maculans*) of oilseed rape.

***11th International Rapeseed Congress. 2003, 06-10 july. Copenhagen, Denmark.***

2003, Vol. 3, p. 747-749

COLZA/LEPTOSPHAERIA MACULANS/MALADIE/AZOTE/DATE/SEMIS/LUTTE

INTEGREE/SYSTEME DE CULTURE/CONDUITE DE CULTURE/

**36736** DAVIS A.R.

Influence of elevated CO<sub>2</sub> and ultraviolet-B radiation levels on floral nectar production: a nectary-morphological perspective

***Plant Systematics and Evolution***

2003, Vol. 238, n° 1-4, p. 169-181

COLZA/NECTAR/CO<sub>2</sub>/FLEUR/RAYONNEMENT/

**36995** ALPMANN L.

Wasser als knappes Gut.

***Raps***

2003, n° 3, p. 106-110

COLZA/SEMIS/ALLEMAGNE/PREPARATION DU SOL/DENSITE/ECARTEMENT/

**36999**

MANTHEY R.

Nutzbarer Züchtungs- fortschrift für den europäischen Rapsmarkt.

***Raps*** 2003, n° 3, p. 138-140

VARIETE/COLZA/ALLEMAGNE/RENDEMENT/

**37000**

LUFTENSTEINER H.W./ HENDLER M.

Österreich : Winterkörner-raps-Sorten zum Anbau 2003.

***Raps*** 2003, n° 3, p. 142-145

COLZA/AUTRICHE/VARIETE/RENDEMENT/SUPERFICIE/PRODUCTION/

**37042**

PINOCHET X./PERRIN E./SALVI F./MALLEIN J.F./MESTRIES E.

Winter oilseed rape Ogu-INRA restored hybrids : results of field evaluations in France and determination of optimal plant densities.

***11th International Rapeseed Congress. 2003, 06-10 july. Copenhagen, Denmark.***

2003, Vol. 1 , p. 358-361

COLZA/ OGU INRA/SELECTION/HYBRIDE RESTORE/HETEROSIS/DENSITE/SEMIS/

**37055**

CHRISTEN O./HOFMANN B./BISCHOFF J.

Oilseed rape in minimum tillage systems.

***11th International Rapeseed Congress. 2003, 06-10 july. Copenhagen, Denmark.***

2003, Vol. 3, p. 762-764

COLZA/TCS/ALLEMAGNE/TRAVAIL DU SOL/CLIMAT/CONDUITE DE CULTURE/LABOUR/

**37057** MERRIEN A./CHARBONNAUD J./REAU R.

Monitoring of a network fields producing winter oilseed rape in central France.

***11th International Rapeseed Congress. 2003, 06-10 july. Copenhagen, Denmark.***

2003, Vol. 3, p. 823-825

COLZA/ COMPOSANTE DU

RENDEMENT/FRANCE/CENTRE/VARIETE/DATE/SEMIS/FLORAISON/EVALUATION/AZOTE/GRAIN E/

**37059**

JEUFFROY M.H./ VALANTIN-MORISON M./SAULAS L./CHAMPOLIVIER L.

Azodyn-rape : a simple model for decision support in rapeseed nitrogen fertilisation.

***11th International Rapeseed Congress. 2003, 06-10 july. Copenhagen, Denmark.***

2003, Vol. 3, p. 890-892

COLZA/ AZODYN/MODELE/AIDE A LA

DECISION/AZOTE/FERTILISATION/RENDEMENT/QUALITE/GRAINE/

**37060**

NOQUET C./ROSSATO L./MALAGOLI P./LAINE P./AVICE J.C.

Nitrogen storage and remobilization in *Brassica napus* L. during the growth cycle : nitrogen fluxes within the plant, changes in soluble protein patterns and influence of reproductive sink tissue removal.

*11th International Rapeseed Congress. 2003, 06-10 July, Copenhagen, Denmark.*

2003, Vol. 3, p. 893-895

COLZA/ AZOTE/ STADE VEGETATIF/MOBILISATION/ SENESCENCE/ INDICE DE RECOLTE/ FLUX

**37061**

AVICE J.C./NOIRAUD N./NOQUET C./MALAGOLI P./LAINE P.

Limitation of sink demand induces quantitative and qualitative changes of N reserves during the field growth cycle of oilseed rape (*Brassica napus* L.).

*11th International Rapeseed Congress. 2003, 06-10 July, Copenhagen, Denmark.*

2003, Vol. 3, p. 921-923

COLZA/ AZOTE/ FERTILISATION/ STADE VEGETATIF/ CROISSANCE

**37062**

JEUFFROY M.H./COLNENNE C./REAU R.

Nitrogen nutrition and rapeseed seed number.

*11th International Rapeseed Congress. 2003, 06-10 July, Copenhagen, Denmark.*

2003, Vol. 3, p. 924-926

COLZA/AZOTE/GRAINE/NUTRITION/FLORAISON/STADE G4/MODELE/CARENCE/

**37063**

LARCHER M./GOURBIERE F./SALAR P./PINOCHE X./CLEYET-MAREL J.C.

Colonization of oilseed rape roots by plant growth promoting *Phyllobacterium* sp. strain in competition with native bacteria in gnotobiotic conditions.

*11th International Rapeseed Congress. 2003, 06-10 July, Copenhagen, Denmark.*

2003, Vol. 3, p. 984

COLZA/ PHYLLOBACTERIUM/STADE VEGETATIF/SYSTEME

RACINAIRE/BACTERIE/CROISSANCE/RHIZOSPHERE/

## BREEDING

**36338**

GUILLOTEAU M./LALOI M./BLAIS D./CROUZILLAT D.

Oil bodies in *Theobroma cacao* seeds: cloning and characterization of cDNA encoding the 15.8 and 16.9 kDa oleosins. *Plant Science*

2003, Vol. 164, n° 4, p. 597-606

COLZA/OLEOSINE/BRASSICA NAPUS/PROTEINE/LIPIDE/ADN/

**36480**

PELLET D./HEBEISEN T.

Liste recommandée des variétés de colza d'automne pour la récolte 2004.

*Revue Suisse d'Agriculture*

2003, Vol. 35, n° 3, 2 p.

COLZA/VARIETE/SUISSE/RENDEMENT/CARACTERISTIQUE/

**36632**

GUERITAINE G./BAZOT S./DARMENCY H.

Emergence and growth of hybrids between *Brassica napus* and *Raphanus raphanistrum*.

*New Phytologist*

2003, Vol. 158, n° 3, p. 561-567

COLZA/HYBRIDE/RAPHANUS RAPHANISTRUM/FLUX DE GENES/RAVENELLE/OGM/

**36656**

GUERITAINE G./BONAVENT J.F./DARMENCY H.

Variation of prezygotic barriers in the interspecific hybridization between oilseed rape and wild radish.

*Euphytica*

2003, Vol. 130, p. 349-353

COLZA/ RAPHANUS RAPHANISTRUM/HYBRIDATION/ BRASSICA NAPUS/ CROISEMENT

**36733**

BENABDELMOUNA A./GUERITAINE G./ABIRACHED DARMENCY M./DARMENCY H.

Genome discrimination in progeny of interspecific hybrids between *Brassica napus* and *Raphanus raphanistrum*. *Genome*

2003, Vol. 46, n° 3, p. 469-472

COLZA/ RAPHANUS SATIVUS/ HYBRIDE/GENOME/ SELECTION/ HYBRIDATION

**36738**

LEINO M./TEIXEIRA R./LANDGREN M./GLIMELIUS K.

*Brassica napus* lines with rearranged *Arabidopsis* mitochondria display CMS and a range of developmental aberrations.

*Theoretical and Applied Genetics*

2003, Vol. 106, n° 7, p. 1156-1163

COLZA/LIGNEE/ARABIDOPSIS THALIANA/MARQUEUR/RFLP/STERILITE MALE CYTOPLASMIQUE/

**36816**

JENCZEWSKI E./EBER F./GRIMAUD A./Huet S./LUCAS M.O./MONOD H./ CHEVRE A.M.

PrBn, a major gene controlling homeologous pairing in oilseed rape (*Brassica napus*) haploids.

*Genetics*

2003, Vol. 164, n° 2, p. 645-653

COLZA/GENE/HAPLOIDE/HYBRIDE/

**36087**

WENZEL W.W./UNTERBRUNNER R./SOMMER P./SACCO P.

Chelate-assisted phytoextraction using canola (*Brassica napus* L.) in outdoors pot and lysimeter experiments.

*Plant and Soil*

2003, Vol. 249, n° 1, p. 83-96

PHYTOEXTRACTION/COLZA/CANOLA/

PHYTOREMEDIATION/ZINC/METAUX/

**36115**

HARKER M./HELLYER A./CLAYTON J.C./DUVOIX A./LANOT A.

Co-ordinate regulation of sterol biosynthesis enzyme activity during accumulation of sterols in developing rape and tobacco seed.

*Planta*

2003, Vol. 216, n° 4, p. 707-715

COLZA/BIOSYNTHÈSE/STEROL/

**36125**

RIFE C.L./ZEINALI H.

Cold tolerance in oilseed rape over varying acclimation durations.

*Crop Science*

2003, Vol. 43, n° 1, p. 96-100

COLZA/VERNALISATION/TOLERANCE/FROID/CLIMAT/TEMPERATURE/

**36066**

NOVOTNA Z./MARTINEC J./PROFOTOVA B.

In vitro distribution and characterization of membrane- associated PLD and PIPLC in Brassica napus.

*J. Experimental Botany*

2003, Vol. 54, n° 383, p. 691-698

BRASSICA NAPUS/COLZA/PHOSPHOLIPIDE/GRAINE/

**36069**

RIPLEY V.L./BEVERS DORF W.D.

Development of self-incompatible Brassica napus: (I) introgression of Salleles from Brassica oleracea through interspecific hybridization.

*Plant Breeding*

2003, Vol. 122, n° 1, p. 01-05

COLZA/ BRASSICA NAPUS/ BRASSICA OLERACEA/HETEROSIS/HYBRIDATION/GLYCOPROTEINE/

**36070**

RIPLEY V.L./BEVERS DORF W.D.

Development of self-incompatible Brassica napus: (II) Brassica oleracea S allele expression in B-napus.

*Plant Breeding*

2003, Vol. 122, n° 1, p. 06-11

COLZA/ SELECTION/ HYBRIDE/ BRASSICA NAPUS/ BRASSICA OLERACEA

**36071**

RIPLEY V.L./BEVERS DORF W.D.

Development of self-incompatible Brassica napus: (III) B- napus genotype effects on S-allele expression.

*Plant Breeding*

2003, Vol. 122, n° 1, p. 12-18

BRASSICA OLERACEA/BRASSICA RAPA/COLZA/BRASSICA

NAPUS/HYBRIDE/GENOTYPE/ALLELE/

**36124**

GEPTS P.

A comparison between crop domestication, classical plant breeding, and genetic engineering.

*Crop Science*

2002, Vol. 42, n° 6, p. 1780-1790

COLZA/SELECTION/TRANSGENESE/OGM/BIOTECHNOLOGIE

**36127**

JIANG L.X./BECKER H.C.

Inheritance of apetalous flowers in a mutant of oilseed rape.

*Crop Science*

2003, Vol. 43, n° 2, p. 508-510

COLZA/GENOTYPE/RESISTANCE/MALADIE/PETALE/FLEUR/APETALE/

**36155**

NG P.L.L./FERRARESE M.L.L./HUBER D.A.

Canola (Brassica napus L.) seed germination influenced by cinnamic and benzoic acids and derivatives: effects on peroxidase.

*Seed Science and Technology*

2003, Vol. 31, n° 1, p. 39-46

COLZA/ CANOLA/ GERMINATION/ ACIDE COUMARIQUE/ ACIDE FERULIQUE/

ACIDE BENZOIQUE/SOJA/

**36727**

WANG Y.P./SONNTAG K./RUDLOFF E.

Development of rapeseed with high erucic acid content by asymmetric somatic hybridization between Brassica napus and Crambe abyssinica

*Theoretical and Applied Genetics*

2003, Vol. 106, n° 7, p. 1147-1155

BRASSICA NAPUS/CRAMBE ABYSSINICA/COLZA/CRAMBE/HYBRIDATION/ACIDE ERUCIQUE/SELECTION/COLZA ERUCIQUE/

**36731**

HOWELL P.M./SHARPE A.G./LYDIATE D.J.

Homoeologous loci control the accumulation of seed glucosinolates in oilseed rape (*Brassica napus*).

*Genome*

2003, Vol. 46, n° 3, p. 454-460

COLZA/GRAINE/GLUCOSINOLATE/SELECTION/MARQUEUR/GENETIQUE/ARABIDOPSIS THALIANA/GENE/QTL/CARTE GENETIQUE/GENE/

**36732**

SHARPE A.G./LYDIATE D.J.

Mapping the mosaic of ancestral genotypes in a cultivar of oilseed rape (*Brassica napus*) selected via pedigree breeding.

*Genome*

2003, Vol. 46, n° 3, p. 461-468

COLZA/CARTE GENETIQUE/GENOTYPE/CULTIVAR/RFLP/SELECTION/

**36967**

DREXLER H./SPIEKERMANN P./MEYER A.

Metabolic engineering of fatty acids for breeding of new oilseed crops : strategies, problems and first results.

*J. Plant Physiology*

2003, Vol. 160, n° 7, p. 779-802

COLZA/BRASSICA NAPUS/ACIDE GRAS/SELECTION/MODIFICATION/

**36392**

THOMPSON C.J./THOMPSON B.J.P./ADES P.K.

Model-based analysis of the likelihood of gene introgression from genetically modified crops into wild relatives.

*Ecological Modelling*

2003, Vol. 162, n° 3, p. 199-209

OGM/GENE/CANOLA/COLZA/MODELE/ESPECE SAUVAGE/

## INSECTS - PESTS

**36431**

STEFFAN DEWENTER I.

Seed set of male-sterile and male-fertile oilseed rape (*Brassica napus*) in relation to pollinator density.

*Apidologie*

2003, Vol. 34, n° 3, p. 227-235

COLZA/BRASSICA NAPUS/POLLINISATION/ABEILLE/ APIS MELLIFERA/SELECTION/

**36335**

FERGUSON A.W./KLUKOWSKI Z./WALCZAK B.

Spatial distribution of pest insects in oilseed rape: implications for integrated pest management.

*Agriculture Ecosystems and Environment*

2003, Vol. 95, n° 2-3, p. 509-521

COLZA/ INSECTE/ DYNAMIQUE DES POPULATIONS/ CEUTORHYNCHUS ASSIMILIS/ MELIGETHES AENEUS/DASINEURA BRASSICAE

**36337**

RAHBE Y./DERAISON C./BONADEVOTTINO M./GIRARD C.

Effects of the cysteine protease inhibitor oryzacystatin (OC-I) on different aphids and reduced performance of *Myzus persicae* on OC-I expressing transgenic oilseed rape

*Plant Science*

2003, Vol. 164, n° 4, p. 441-450

APHIDE/COLZA/CYSTEINE/MYZUS PERSICAE/OGM/HOMOPTERE/INSECTE/

**36432**

OBERHOLZER F./ESCHER N./FRANK T.

The potential of carabid beetles (Coleoptera) to reduce slug damage to oilseed rape in the laboratory.

*European Journal of Entomology*

2003, Vol. 100, n° 1, p. 81-85

CARABIDAE/DEROCERAS LAEVE/DEROCERAS

RETICULATUM/COLZA/LABORATOIRE/INSECTE/LIMACE/COLEOPTERE/

**36748**

NIELSEN E.L./BALTENSPERGER D.D./KERR E.D./RIFE C.L.

Host suitability of rapeseed for Heterodera schachtii.

*J. Nematology*

2003, Vol. 35, n° 1, p. 35-38

COLZA/NEMATODE/BETTERAVE A SUCRE/ROTATION/HETERODERA SCHACHTII/

**36749**

AGRAWAL A.A./KURASHIGE N.S.

A role for isothiocyanates in plant resistance against the specialist herbivore Pieris rapae.

*J. Chemical Ecology*

2003, Vol. 29, n° 6, p. 1403-1415

COLZA/GLUCOSINOLATE/RESISTANCE/ISOTHIOCYANATE/PIERIS RAPAE/

**36996**

STEMANN G.

Ackerschecken. Möglichkeiten der Schädlingskontrolle.

*Raps*

2003, n° 3, p. 112-119

COLZA/LIMACE/LUTTE CHIMIQUE/METAREX/MESUROL/SKIPPER/

**37065**

BARARI H./COOK S.M./WATTS N.P./WILLIAMS I.H.

Effects of a turnip rape (Brassica rapa) trap crop and insecticide treatment on infestation of winter oilseed rape (Brassica napus) by coleopteran stem-mining pests and their parasitoids.

*11th International Rapeseed Congress. 2003, 06-10 July. Copenhagen, Denmark.*

2003, Vol. 3, p. 1015-1017

COLZA/PSYLLIODES CHRYSOCEPHALA/CEUTORHYNCHUS

PALLIDACTYLUS/CEUTORHYNCHUS PICITARSIS/LUTTE INTEGREE/INSECTE/BRASSICA

RAPA/PIEGE/INSECTICIDE/PARASITOIDE/

**37066**

COOK S.M./SMART L.E./RASMUSSEN H.B./BARTLET E.

Push-pull strategies to reduce insecticide input to oilseed rape (Brassica napus) : Potential of low alkenyl glucosinolate oilseed rape varieties (push !), and turnip rape (Brassica rapa) trap crops (pull !).

*11th International Rapeseed Congress. 2003, 06-10 July. Copenhagen, Denmark.*

2003, Vol. 3, p. 1018-1021

COLZA/MELIGETHES AENEUS/CEUTORHYNCHUS ASSIMILIS/ISOTHIOCYANATE/ITC/ODEUR/GLUCOSINOLATE/INSECTE

**37067**

SOROKA J./GUGEL R./ELLIOTT R./

RAKOW G./RANEY J.P.

Resistance of crucifer species to insect pests.

*11th International Rapeseed Congress. 2003, 06-10 July. Copenhagen, Denmark.*

2003, Vol. 3, p. 1031-1033

COLZA/ BRASSICA NAPUS/ BRASSICA RAPA/ RESISTANCE/ INSECTE/

PHYLLOTRETA SP/ DELIA SP/CRAMBE/CAMELINE/CRUCIFERE/

### **37068**

BALLANGER Y./DETOURNE D./

DELORME R./PINOCHE T X.

Difficulties to control pollen beetle (*Meligethes aeneus* F.) in France revealed by unusual high level infestations in winter rape fields

*11th International Rapeseed Congress. 2003, 06-10 july. Copenhagen, Denmark.*

2003, Vol. 3, p. 1048-1050

COLZA/ INSECTE/ MELIGETHES AENEUS/ FRANCE/ INSECTICIDE/ METHYL PARATHION/ENDOSULFAN/RESISTANCE/

## **DISEASES**

### **36333**

GRANER G./HAMBERG M./MEIJER J.

Screening of oxylipins for control of oilseed rape (*Brassica napus*) fungal pathogens.

#### *Phytochemistry*

2003, Vol. 63, n° 1, p. 89-95

COLZA/ ALTERNARIA BRASSICAE/

LEPTOSPHAERIA MACULANS/ SCLEROTINIA

SCLEROTIORUM/ MALADIE/ OXYLIPINE/

VERTICILLIUM LONGISPORUM/ACIDE

### **36570**

LI D.H./ASHBY A.M./JOHNSTONE K.

Molecular evidence that the extracellular cutinase Pbc1 is required for pathogenicity of *Pyrenopeziza brassicae* on oilseed rape.

#### *Molecular Plant - Microbe Interactions*

2003, Vol. 16, n° 6, p. 545-552

COLZA/PYRENOPEZIZA BRASSICAE/GENE/MALADIE/MARQUEUR/

ALTERNARIA BRASSICICOLA/

BOTRYTIS CINEREA/

**36634**

HUANG Y.J./TOSCANO-UNDERWOOD C./FITT B.D.L.

Effects of temperature on ascospore germination and penetration of oilseed rape (*Brassica napus*) leaves by A- or B-group *Leptosphaeria maculans* (Phoma stem canker).

***Plant Pathology***

2003, Vol. 52, n° 2, p. 245-255

COLZA/LEPTOSPHAERIA MACULANS

/TEMPERATURE/ASCOSPORE/MALADIE/

**36998**

BRUCKNER S.

Bekämpfung der Weisstängeligkeit. Strategie für den Praxiseinsatz von Contans WG.

**Raps**

2003, n° 3, p. 134-137

COLZA/MALADIE/ALLEMAGNE/

SCLEROTINIA SCLEROTIORUM/

FONGICIDE/CONTANS WG/

**37039**

LESPINAS J.L./LEVENGEUX T.

Protection fongicide à l'automne contre le phoma du colza.

***Oléotech - Lettre technique régionale du CETIOM***

2003, n° 5, septembre, 6 p.

COLZA/AUTOMNE/FONGICIDE/PHOMA/

CONDUITE DE CULTURE/

VARIETE/TRIAZOLE/MALADIE/LUTTE CHIMIQUE/LUTTE AGRONOMIQUE/

**37040**

BRUN H./PINOCHEZ X./ERMEL M./

TANGUY X./RENARD M.

Five years of field experiments on the potential durability of the resistance of highly resistant Brassica napus lines to Leptosphaeria maculans.

*11th International Rapeseed Congress. 2003, 06-10 july. Copenhagen, Denmark.*

2003, Vol. 1, p. 28-31

COLZA/MALADIE/RESISTANCE/SELECTION/

LEPTOSPHAERIA MACULANS/

EXPERIMENTATION/VARIETE/

**37041**

EVANS N./FITT B./ROUXEL T./PINOCHE X./

PENAUD A.

Stem canker of oilseed rape : molecular tools and mathematical modelling to deploy durable resistance.

*11th International Rapeseed Congress. 2003, 06-10 july. Copenhagen, Denmark.*

2003, Vol. 1, p. 36-38

COLZA/ LEPTOSPHAERIA MACULANS

/MODELE/SECURE/PHOMA LINGAM/PROJET

EUROPEEN/RESISTANCE/MALADIE/

**37064**

WILLIAMS I.H./BUCHS W./

HOKKANEN H./KLUKOWSKO Z.

Management strategies for winter oilseed rape to enhance biocontrol of rape pests.

*11th International Rapeseed Congress. 2003, 06-10 july. Copenhagen, Denmark.*

2003, Vol. 3, p. 1011-1013

COLZA/ LUTTE BIOLOGIQUE/ MASTER/ UE/ PROJET/ AIDE A LA DECISION/

INSECTE/LUTTE INTEGREE/

**37069**

PENAUD A./CHOLLET D./JUNG L.

Biological control of Sclerotinia sclerotiorum by  
Coniothyrium minitans in crops rotations including OSR in France.

*11th International Rapeseed Congress. 2003, 06-10 july. Copenhagen, Denmark.*

2003, Vol. 4, p. 1094-1096

COLZA/ CONIOTHYRIUM MINITANS/  
SCLEROTINIA SCLEROTIORUM/LUTTE  
BIOLOGIQUE/54/03/

**37070**

PENAUD A./HUGUET B./WILSON V./LEROUX P.

Fungicide resistance of Sclerotinia sclerotiorum in French oilseed rape crops.

*11th International Rapeseed Congress. 2003, 06-10 july. Copenhagen, Denmark.*

2003, Vol. 4, p. 1097-1098

COLZA/ RESISTANCE/ FONGICIDE/  
SCLEROTINIA SCLEROTIORUM/  
BENZIMIDAZOLE/ BMC/ DICARBOXIMIDE/ CARBENDAZIME/ LUTTE CHIMIQUE

**37071**

ALLARD L.M./REAU R./DUPEUPLE F./

PINOCHET X.

Prospect for an integrated crop protection against  
clubroot Plasmodiophora brassicae.

*11th International Rapeseed Congress. 2003, 06-10 july. Copenhagen, Denmark.*

2003, Vol. 4, p. 1101-1102

COLZA/ PLAMODIOPHORA BRASSICAE/  
ACIDITE/SOL/MALADIE/LUTTE INTEGREGEE/  
CONDUITE DE CULTURE/HERNIE DES  
CRUCIFERES/

**37072**

TAVERNE M./DUPEUPLE F.

Design of a decision support system for fungicide sprayings against Sclerotinia on oilseed rape.

*11th International Rapeseed Congress. 2003, 06-10 july. Copenhagen, Denmark.*

2003, Vol. 4, p. 1112-1114

COLZA/ SCLEROTINIA SCLEROTIORUM/

MALADIE/ KIT PETALE/ AIDE A LA

DECISION/ GRILLE DE RISQUE

**37073**

TAVERNE M./DUPEUPLE F./PENAUD A.

Evaluation of a diagnostic test for Sclerotinia on oilseed rape at flowering.

*11th International Rapeseed Congress. 2003, 06-10 july. Copenhagen, Denmark.*

2003, Vol. 4, p. 1115-1117

COLZA/ COCONCEPTION/ FLORAISON/

DIAGNOSTIC/ FONGICIDE/ KIT PETALE/

SCLEROTINIA SCLEROTIORUM/MALADIE/

**37074**

TAVERNE M./DUPEUPLE F./

MEYNARD J.M./MAKOWSKI D.

Sclerotinia attacks risk assessment on oilseed rape crops at field level.

*11th International Rapeseed Congress. 2003, 06-10 july. Copenhagen, Denmark.*

2003, Vol. 4, p. 1118

COLZA/SCLEROTINIA SCLEROTIORUM/

CONDUITE DE CULTURE/FONGICIDE/RISQUE/

**37075**

BALESSENT M.H./PENAUD A./JAIN L./

PINOCHET X./BRUN H.

Cropping history and breakdown of the *Brassica napus* *Rlm1* resistance gene to *Leptosphaeria maculans* in France.

*11th International Rapeseed Congress. 2003, 06-10 july. Copenhagen, Denmark.*

2003, Vol. 4, p. 1140

COLZA/ LEPTOSPHAERIA MACULANS/RESISTANCE/GENE/MALADIE/

**37076**

GRIPPON S./DUPEUPLE F./PILORGE E./

REAU R./TAVERNE M.

Regional analysis of the stem canker attacks variability in oilseed rape crops.

*11th International Rapeseed Congress. 2003, 06-10 july. Copenhagen, Denmark.*

2003, Vol. 4, p. 1152

COLZA/LEPTOSPHAERIA MACULANS/PHOMA LINGAM/MALADIE/

**37077**

GOSENDE S./PENAUD A./AUBERTOT J.N./

SCHNEIDER O./PINOCHEZ X.

Evolution of soil surface oilseed rape stubbles and their ability to produce spores of Leptosphaeria maculans : preliminary results.

*11th International Rapeseed Congress. 2003, 06-10 july. Copenhagen, Denmark.*

2003, Vol. 4, p. 1166-1168

COLZA/ MALADIE/ LEPTOSPHAERIA

MACULANS/ SPORE/ PAILLE/ 18/

CONTAMINATION

**37078**

PENAUD A./PILORGE E./BERNARD C.

Studies on indicators to control stem canker of winter oilseed rape.

*11th International Rapeseed Congress. 2003, 06-10 july. Copenhagen, Denmark.*

2003, Vol. 4, p. 1169-1171

COLZA/ MALADIE/ LEPTOSPHAERIA MACULANS/ FONGICIDE/ LUTTE CHIMIQUE/

SPORE/ CLIMAT

**WEEDING**

**36495**

GIBOT-LECLERC S./ BRAULT M./SALLE G.

L'orobanche rameuse. La menace s'aggrave pour le colza, le chanvre et le tabac.

***Phytoma***

2003, n° 561, juin, p. 09-12

COLZA/OROBANCHE/DEGAT/ENQUETE/17/

CYCLE/LUTTE GENETIQUE/

**36070**

RIPLEY V.L./BEVERS DORF W.D.

Development of self-incompatible Brassica napus: (II) Brassica oleracea S allele expression in B-napus.

***Plant Breeding***

2003, Vol. 122, n° 1, p. 06-11

COLZA/ SELECTION/ HYBRIDE/ BRASSICA

NAPUS/ BRASSICA OLERACEA

**36071**

RIPLEY V.L./BEVERS DORF W.D.

Development of self-incompatible Brassica napus: (III) B- napus genotype effects on S-allele expression.

***Plant Breeding***

2003, Vol. 122, n° 1, p. 12-18

BRASSICA OLERACEA/BRASSICA RAPA/COLZA/BRASSICA

NAPUS/HYBRIDE/GENOTYPE/ALLEL/

**36124**

GEPTS P.

A comparison between crop domestication, classical plant breeding, and genetic engineering.

***Crop Science***

2002, Vol. 42, n° 6, p. 1780-1790

COLZA/SELECTION/TRANSGENESE/OGM/

BIOTECHNOLOGIE

**36127**

JIANG L.X./BECKER H.C.

Inheritance of apetalous flowers in a mutant of oilseed rape.

*Crop Science*

2003, Vol. 43, n° 2, p. 508-510

COLZA/GENOTYPE/RESISTANCE/MALADIE/

PETALE/FLEUR/APETALE/

**36994**

BARTELS M.

Kosten senken beider Unkrautbekämpfung !

*Raps*

2003, n° 3, p. 100-105

ADVENTICE/DESHERBAGE/HERBICIDE/ALLEMAGNE/

## FEEDING

**36153**

NEWKIRK R.W./CLASSEN H.L./EDNEY M.J.

Effects of prepress-solvent extraction on the nutritional value of canola meal for broiler chickens.

*Animal Feed Science and Technology*

2003, Vol. 104, n° 1-4, p. 111-119

COLZA/CANOLA/ALIMENTATION ANIMALE/EXTRACTION/POULET/ACIDE AMINE/

**36391**

KRALIK G./SKRTIC Z./KUSEC G./KADLEC J.

The influence of rape seed/oil on the quality of chicken carcasses.

*Czech Journal of Animal Science*

2003, Vol. 48, n° 2, p. 77-84

COLZA/GRAINE/HUILE/QUALITE/POULET/

VOLAILLE/ALIMENTATION ANIMALE/

**36458**

NEWKIRK R.W./CLASSEN H.L./SCOTT T.A./EDNEY M.J.

The digestibility and content of amino acids in toasted and non-toasted canola meals.

***Canadian Journal of Animal Science***

2003, Vol. 83, n° 1, p. 131-139

COLZA/TOURTEAU/DIGESTIBILITE/ACIDE AMINE/TOURTEAU TOASTE/CANOLA

**36511**

PASTUSZEWSKA B./JABLECKI G./BURACZEWSKA L./DAKOWSKI P.

The protein value of differently processed rapeseed solvent meal and cake assessed by in vitro methods and in tests with rats.

***Animal Feed Science and Technology***

2003, Vol. 106, n° 1-4, p. 175-188

COLZA/SOLVENT/TOURTEAU/PROTEINE/

ALIMENTATION ANIMALE/SOLUBILITE/

PORC/VALEUR NUTRITIONNELLE/

DIGESTIBILITE/

**36512**

NGUYEN C.V./SMULIKOWSKA S./MIECZKOWSKA A.

Effect of linseed and rapeseed or linseed and rapeseed oil on performance, slaughter yield and fatty acid deposition in edible parts of the carcass in broiler chickens.

***J. Animal and Feed Sciences***

2003, Vol. 12, n° 2, p. 271-288

LIN/COLZA/ACIDE GRAS/POULET/GRAINE/HUILE/VOLAILLE/

**36665**

CHEN X.B./CAMPBELL L.D.

Assessment of ruminal and post ruminal amino acid digestibility of Chinese and Canadian rapeseed (Canola) meals.

***Asian - Australasian Journal of Animal Sciences***

2003, Vol. 16, n° 7, p. 979-982

COLZA/ACIDE AMINE/DIGESTIBILITE/

ALIMENTATION ANIMALE/

TOURTEAU/CANOLA/BOVIN/

**36772**

EVARD J.

L'alimentation animale friande de tourteaux et

de graines de soja.

*Oléoscope - Bulletin du CETIOM*

2003, n° 71, juillet, p. 23-26

SOJA/ALIMENTATION ANIMALE/

GRAINE/COMPOSITION/

PROTEINE/TOURTEAU/GRAINE ENTIERE/

**36462**

LUND E.

Non-nutritive bioactive constituents of plants: Dietary sources and health benefits of glucosinolates.

*International Journal for Vitamin and Nutrition Research*

2003, Vol. 73, n° 2, p. 135-143

COLZA/ GLUCOSINOLATE/ COMPOSITION/ GLUTATHIONE/ ISOTHIOCYANATE

**36463**

AMAROWICZ R./RAAB B./SHAHIDI F.

Antioxidant activity of phenolic fractions of rapeseed.

*J. Food Lipids*

2003, Vol. 10, n° 1, p. 51-62

COLZA/ CANOLA/ ACIDE PHENOLIQUE/ ANTIOXYDANT/GRAINE/

**37047**

BENAMOUZIG R./BEROT S./BOS C./EVARD J./

GAUDICHON C./MORENS C./NTOUNDA R./

QUINSAC A./TOME D.

Nutritional value of rapeseed protein measured by rats and humans.

**11th International Rapeseed Congress. 2003, 06-10 july. Copenhagen, Denmark.**

2003, Vol. 2, p. 572

COLZA/ VALEUR NUTRITIONNELLE/RAT/PROTEINE/HOMME/

**37082**

OKINE E.K./GOONEWARDENE L.A./MIR Z.

Influence of canola oil on the fatty acid profile in goats' milk.

*Canadian Journal of Animal Science*

2003, Vol. 83, n° 2, p. 323-325

LAIT/CHEVRE/ACIDE GRAS/HUILE/

CANOLA/CANADA/ALIMENTATION

ANIMALE/LDL/HDL/

**37043**

DELPLANQUE B./COMBE N./FENART E./

MENDY F./LE ROY B./THAMINY

A./VANDEPUTTE B./EVRARD J.

Nutritional value of combined vegetable oils including different levels of rapeseed associated to sunflower and high oleic sunflower oils.

**11th International Rapeseed Congress. 2003, 06-10 july. Copenhagen, Denmark.**

2003, Vol. 2, p. 518-520

COLZA/TOURNESOL/HUILE/ACIDE OLEIQUE/HUILE COMBINEE/VALEUR

NUTRITIONNELLE/TOURNESOL OLEIQUE/ACIDE LINOLEIQUE/

**37048**

DARRACQ S./EVRARD J.

From rapeseed crop to oil and meal : towards a better management of quality.

**11th International Rapeseed Congress. 2003, 06-10 july. Copenhagen, Denmark.**

2003, Vol. 2, p. 635-637

COLZA/ QUALITE/ HUILE/ TOURTEAU/

SECURITE ALIMENTAIRE/ PROCESS

## **TECHNOLOGY - INDUSTRY**

**36430**

MIKA V./TILLMANN P./KOPRNA R./

Fast prediction of quality parameters in whole seeds of oilseed rape (*Brassica napus L.*).

*Plant, Soil and Environment*

2003, Vol. 49, n° 4, p. 141-145

COLZA/GRAINE ENTIERE/QUALITE/PROTEINE/GLUCOSINOLATE/

COMPOSITION/NIR/ACIDE GRAS/ANALYSE/

**36070**

RIPLEY V.L./BEVERS DORF W.D.

Development of self-incompatible *Brassica napus*: (II) *Brassica oleracea* S allele expression in B-napus.

*Plant Breeding*

2003, Vol. 122, n° 1, p. 06-11

COLZA/ SELECTION/ HYBRIDE/ BRASSICA

NAPUS/ BRASSICA OLERACEA

**36071**

RIPLEY V.L./BEVERS DORF W.D.

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*Plant Breeding*

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BRASSICA OLERACEA/BRASSICA RAPA/COLZA/BRASSICA

NAPUS/HYBRIDE/GENOTYPE/ALLELE/

**36124**

GEPTS P.

A comparison between crop domestication, classical plant breeding, and genetic engineering.

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2002, Vol. 42, n° 6, p. 1780-1790

COLZA/SELECTION/TRANSGENESE/OGM/

BIOTECHNOLOGIE

**36127**

JIANG L.X./BECKER H.C.

Inheritance of apetalous flowers in a mutant of oilseed rape.

*Crop Science*

2003, Vol. 43, n° 2, p. 508-510

COLZA/GENOTYPE/RESISTANCE/MALADIE/

PETALE/FLEUR/APETALE/

**36933**

LAMBELET P./GRANDGIRARD A./GREGOIRE S./JUANEDA P.

Formation of modified fatty acids and oxyphytosterols during refining of low erucic acid rapeseed oil.

*J. Agricultural and Food Chemistry*

2003, Vol. 51, n° 15, p. 4284-4290

CANOLA/COLZA/ACIDE GRAS/ACIDE ERUCIQUE/RAFFINAGE/MODIFICATION/HUILE/

**37017**

SCHMIDT S./NIKLOVA I./POKORNY J./

FARKAS P./SEKRETAR S.

Antioxidant activity of envening primrose phenolics in sunflower and rapeseed oils.

*European Journal of Lipid Science and Technology*

2003, Vol. 105, n° 8, p. 427-435

COLZA/TOURNESOL/ONAGRE/HUILE/

ANTIOXYDANT/PHENOL/OXYDATION/

**37044**

SCHONWEITZ C./BAGGER C./

EVARD J./POPINEAU Y./LARRE C./GUEGUEN J.

Emulsifying properties of tailored rapeseed isolates.

*11th International Rapeseed Congress. 2003, 06-10 july. Copenhagen, Denmark.*

2003, Vol. 2, p. 528-530

COLZA/ ISOLAT/EMULSION/

PROTEINE/PROPRIETE/

**37045**

CARRE P./DARTENUC C./EVARD J./J

UDDE A./LABALETTE F./RAOUX R./

RENARD M./

Frying stability of rapeseed oils with modified fatty acid compositions.

*11th International Rapeseed Congress. 2003, 06-10 July. Copenhagen, Denmark.*

2003 Vol. 2, p. 540-543

COLZA/ HUILE/ COMPOSITION/ ACIDE GRAS/ MODIFICATION/ STABILITE/ ROOM

ODOR/ ACIDE LINOLENIQUE/ ACIDE OLEIQUE/ TOCOPHEROL/HUILE CHAUFFEE/

**37046**

BERNHARD BITAUD C./BOURRIE B./

BURGHART P./EVARD J./LACOSTE F./

PAGES X.

Heavy metals transfer from soil to rapeseed oil.

*11th International Rapeseed Congress. 2003, 06-10 July. Copenhagen, Denmark.*

2003 Vol. 2, p. 544

COLZA/ METAUX/ SOL/ HUILE/

BOUE URBAINE/CADMIUM/

CUIVRE/ZINC/TRANSFERT/

**37050**

CARRE P./POUZET A.

Creol : a pilot plant for oil protein crop products.

*11th International Rapeseed Congress. 2003, 06-10 July. Copenhagen, Denmark.*

2003, Vol. 2, p. 666

COLZA/ ATELIER/CREOL/PROGRAMME/

RECHERCHE/

## ANALYSES

**36428**

FONT R./DELARIO M./FERNANDEZ J.M./

DEHARO A.

Acid detergent fiber analysis in oilseed Brassicas by near- infrared spectroscopy.

*J. Agricultural and Food Chemistry*

2003, Vol. 51, n° 10, p. 2917-2922

COLZA/ SPECTROSCOPIE DE REFLECTANCE DANS LE PROCHE INFRAROUGE/GRAINE/  
PROTEINE/QUALITE/CELLULOSE/ANALYSE

**36477**

SZYDLOWSKA CZERNIAK A./SZLYK E.

Spectrophotometric determination of total phosphorus in rape seeds and oils at various stages of technological process: calculation of phospholipids and non-hydratable phospholipids contents in rapeseed oil.

*Food Chemistry*

2003, Vol. 81, n° 4, p. 613-619

COLZA/DETERMINATION/PHOSPHORE/GRAINE/PHOSPHOLIPIDE/HUILE/

**36690**

URVOY C

Insecticides grandes cultures. Des ventes plutôt stables sauf en colza

*Agrodistribution*

2003, juillet-août, p. 35-36

COLZA/INSECTICIDE/MARCHE/VENTE/

**36692**

MEHATS-DEMAZURE B.

Le désherbinage gagne le colza.

*Grandes Cultures Infos*

2003, juillet-août, p. 44-45

COLZA/DEHERBINAGE/

FAUX SEMIS/ADVENTICE/

**36693**

Vont-ils envahir nos assiettes ? OGM, les vrais dangers.

*Le Nouvel Observateur*

2003, 03 juillet, p. 40-47

OGM/REGLEMENTATION/ALIMENTATION HUMAINE/MORATOIRE/

**36696**

URVOY C.

Hernie des crucifères : un espoir dans la génétique.

*La France Agricole*

2003, n° HS juin, p. 99

COLZA/MALADIE/HERNIE DES CRUCIFERES/GENETIQUE/RESISTANCE/

**36734**

BLOCK A./SCHWARZ G.

Validation of different genomic and cloned DNA calibration standards for construct-specific quantification of LibertyLink in rapeseed by real-time PCR.

*European Food Research and Technology*

2003, Vol. 216, n° 5, p. 421-427

BRASSICA NAPUS/COLZA/ADN/PCR/LIBERTY LINK/METHODE/DETECTION/

**Read in the Press :**

**36496**

SPV/CETIOM/INRA

Sclerotinia du colza. Bilan de la résistance et préconisations pour 2003.

*Phytoma* 2003 n° 561, juin, p. 50-51

COLZA/SCLEROTINIA SCLEROTIORUM/RESISTANCE/FONGICIDE/EFFICACITE/BMC/IMIDE/

**36555**

Colza. Production. Pourquoi les surfaces remontent.

*Les Cahiers Préco de Relations Culture*

2003, n° 27, juin, p. 02-03

COLZA/FRANCE/PRODUCTION/SUPERFICIE/RENDEMENT/MARCHE/

**36556**

TIERS N.

Colza. Semences. Un marché de plus en plus segmenté.

*Les Cahiers Préco de Relations Culture* 2003, n° 27, juin ,p.

04COLZA/MARCHE/SEMENTE/HYBRIDE/CHL/DEMI NAIN/FIRME/VARIETE/

**36557**

TIERS N.

Colza. Fongicides. Une offre élargie.

*Les Cahiers Préco de Relations Culture*

2003, n° 27, juin ,p. 06

COLZA/ FONGICIDE/ SCLEROTINIA SCLEROTIORUM/RESISTANCE/CONTANS/AMISTAR/

**36558**

Colza. Insecticides. Les méligrèthes chamboulement la marché.

*Les Cahiers Préco de Relations Culture*

2003, n° 27, juin, p. 07

COLZA/ INSECTICIDE/ MELIGETHE/RESISTANCE/KARATE/DECIS

**36559**

DELPECH C.

Colza. Herbicides. En vitesse de croisière.

*Les Cahiers Préco de Relations Culture*

2003, n° 27, juin, p. 08

COLZA/HERBICIDE/DESERBAGE/COLZOR TRIO/NOVALL/BUTISAN/

**36560**

Colza. Elongation et résistances. Limiter le risque phoma.

*Les Cahiers Préco de Relations Culture*

2003, n° 27, juin, p. 10-11

COLZA/MALADIE/PHOMA/ELONGATION/EPICOTYLE/RENDEMENT/ECHAUDAGE/

**36595**

ROLLIN A.

Colza. Le Centre tire ses premières leçons.

*Grandes Cultures Infos*

2003, juin, p. 50-51

COLZA/CENTRE/CLIMAT/RENDEMENT/2003/RECOLTE/INSECTE/

**36601**

LOISON M.

Semences colza. Le paysage variétal évolue rapidement.

*Agrodistribution*

2003, juin, p. 42-43

COLZA/SEMENTE/AVISO/VARIETE/POLLEN/

MARCHE/

**36604**

Filière colza. L'avenir est dans le débouché.

**Cultivar**

2003, n° 554, 10 juin, p. 3  
COLZA/DEBOUCHE/UTILISATION/EUROPE/FILIERE/

**36605**

LUCIEN A.

Cap Seine. Le colza : une plante, plusieurs stratégies.

*Cultivar* 2003, n° 554, 10 juin, p. 04-05

COLZA/CAP SEINE/COMMERCIALISATION/COLZA ERUCIQUE/MARCHE

**36606**

METRAILLE B.

Colza. Implantation. Des outils pour semer en TCS.

*Cultivar* 2003, n° 554, 10 juin, p. 06-08

COLZA/IMPLANTATION/ TCS/ SEMIS DIRECT

**36607**

TIERS N.

Colza. Semences. Une offre de plus en plus fine.

*Cultivar*

2003, n° 554, 10 juin, p. 10

COLZA/SEMENT/SELECTION/COLZA OLEIQUE/HYBRIDE/CHL/DEMI NAIN/

**36608**

Colza. Gel et sécheresse. Dure année

*Cultivar* 2003, n° 554, 10 juin, p. 11

COLZA/2002/GEL/SECHERESSE/RENDEMENT/

**36609**

Colza. Fongicides. Des produits en plus.

*Cultivar* 2003, n° 554, 10 juin, p. 12

COLZA/FONGICIDE/AMISTAR/CONTANS/BOSCALID/

**36610**

Colza. Insecticides. L'équation des méligèthes résistantes.

*Cultivar* 2003, n° 554, 10 juin, p. 14

COLZA/MELIGETHE/INSECTICIDE/EFFICACITE/PYRETHRINOIDE/RESISTANCE/

**36611**

Colza. Récolte 2002. Moins de glucosinolates.

*Cultivar* 2003, n° 554, 10 juin, p. 14

COLZA/RECOLTE/TENEUR/GLUCOSINOLATE/2002/ENQUETE/CETIOM

**36612**

CORONEL A.

Colza. Débouché. Le colza valorisé à la ferme.

*Cultivar* 2003, n° 554, 10 juin, p. 15

COLZA/FERME/UTILISATION/ALIMENTATION ANIMALE/TOURTEAU/

**36613**

DELPECH C.

Herbicides colza. En vitesse de croisière.

*Circuits Culture* 2003, n° 371, juin, p. 22

COLZA/HERBICIDE/COLZOR TRIO/MARCHE/NOVALL/BUTISAN/

**36614**

Insecticides colza. Les méligèthes chamboulent le marché.

*Circuits Culture* 2003, n° 371, juin, p. 22-23

COLZA/INSECTICIDE/MELIGETHE/RESISTANCE/MAVRIK FLO/PYRETHRINOIDE/

**36618**

GLORIA C.

Variétés. Révolution lente au pays du colza.

*Réussir - Céréales - Grandes Cultures* 2003, n° 160, juin, p. 18-20, 22

COLZA/VARIETE/LIGNEE/HYBRIDE RESTAURE/SEMIS/2003/

**36619**

CETIOM

Colza. Des exigences régionales pour certaines variétés.

*Réussir - Céréales - Grandes Cultures*

2003, n° 160, juin, p. 22

CETIOM/REGION/COLZA/VARIETE/PRODUCTIVITE/RENDEMENT/

**36620**

GLORIA C.

Colza. Semences de France est sur tous les tableaux.

*Réussir - Céréales - Grandes Cultures*

2003, n° 160, juin, p. 23

COLZA/SEMCENCES DE FRANCE/LIGNEE/DEMI NAIN/HYBRIDE RESTAURE/

**36621**

GLORIA C.

Colza. Les Allemands choisissent des hydrides.

*Réussir - Céréales - Grandes Cultures* 2003, n° 160, juin, p. 24-25

COLZA/SEMCENCE/HYBRIDE/ALLEMAGNE/