



PPS Keyword List: Keywords related to plants from PPS vol. 1–20

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Journal Plant Production Science has published 1,098 articles in vol.1 No.1 to vol.20 No. 4. Several keywords are attached to each paper, and totally 6,350 keywords were listed in the past articles. The following list is a summary of keywords related to plants appeared in the PPS articles. Numbers in parentheses indicate total numbers of articles containing each keyword. These numbers do not indicate the exact number of papers handling each plant, because some authors did not list the names of plants dealing in papers as keywords. This list will also be posted on the PPS web page and we plan to be able to jump to the abstract and the pdf pages. In near future, keyword lists based on other categories will also be prepared.

PPS Editorial Board

CEREALS (771)

Barley (13)	— (8) <i>Hordeum bulbosum</i> (2) <i>Hordeum maritimum</i> (1) Hulless barley (1) Two-Rowed Barley (1)
Buckwheat (23)	— (4) <i>Fagopyrum</i> (2) <i>Fagopyrum esculentum</i> (4) Common buckwheat (5) Tartary buckwheat (5) Kitawasesoba (1) Buckwheat flour quality (1) Buckwheat noodle (1)
<i>Echinochloa framentacea</i> (1)	
<i>Echinochloa utilis</i> (1)	
Fingermillet (1)	
Foxtail millet (1)	
Japanese millet (1)	
Maize (48)	— (19) <i>Zea mays</i> (22) Corn (1) Maize and wheat yield (1) Maize equivalent yield (1) Maize seedlings (1) Maize-soybean intercropping (1) Super sweet corn (1) Sweet corn (1)
Millet (2)	
Pearl millet (6)	— (3) <i>Pennisetum</i> (1) <i>Pennisetum glaucum</i> (1) <i>Pennisetum typhoideum</i> (1)
Rice (543)	— (188) <i>Oryza breviligulata</i> (1) <i>Oryza glaberrima</i> (5) <i>Oryza latifolia</i> (1) <i>Oryza nivara</i> (1) <i>Oryza rufipogon</i> (4) <i>Oryza sativa</i> (135) <i>Oryza species</i> (1) 15N-rice chaff (1) 15N-rice straw (1) Aerobic rice (5) Aerobic rice system (1) African rice (5) Ageotropic rice (1) Akisayaka (1) Akitakomachi (1) Aromatic rice (3) Aromatic upland rice (1) Aus (1)

Bangladeshi rice (2)
Bekoaoba (1)
Boro (1)
Brewer's rice (5)
Brown rice (2)
Chasmogamous rice plants (1)
Chikushi 64 (1)
Cleistogamous rice plants (1)
Closed flowering rice (1)
Colored rice (1)
Cooked rice quality (1)
Deepwater rice (3)
Direct-seeded rice (3)
Direct-sown rice cultivation (1)
Dry-seeded rice (2)
Floating rice (3)
Forage rice (7)
Glutinous rice (4)
Hattan-type varieties of rice (3)
High-yielding rice (1)
Hitomebore (1)
Indica Cambodian cultivars (1)
Indica rice/type (6)
Irrigated rice (1)
Japonica rice/type (9)
Japonica-indica hybrid rice (1)
Koshihikari (1)
lowland paddy rice (1)
Lowland rice (3)
Milky white rice kernel (1)
Milled rice (1)
Mochi (1)
NERICA (4)
New-type rice cultivars (1)
Nikomaru (1)
Nipponbare (1)
Old and new cultivars (1)
Old rice (1)
Old-type rice cultivars (1)
Paddy rice (4)
Pigmented rice (1)
Powdered rice chaff (1)
Protein content of brown rice (1)
Rainfed lowland rice (3)
Rainfed rice (5)
Red and black-kerneled rice (1)
Red-kerneled rice (1)
Rice bran (2)
Rice bran oil (1)
Rice breeding (1)
Rice cake hardness (1)
Rice callus (2)
Rice canopy (1)
Rice culm (1)
Rice cultivars (9)
Rice diverse research set of germplasm (RDRS) (5)
Rice endosperm (1)
Rice establishment method (1)
Rice genotypes (1)
Rice grain (1)
Rice growth (2)
Rice growth model (1)
Rice husk (1)
Rice leaves (1)
Rice line (1)
Rice paddy (1)
Rice plants (6)
Rice production forest (1)
Rice quality (2)
Rice rachis branch (1)
Rice research (1)
Rice seed (1)
Rice seedling (1)
Rice variety (1)
Rice yield (3)
Rice-based cropping system (1)

	Sasanishiki (1)
	Super hybrid rice (1)
	System of rice intensification (1)
	Tachiaoba (2)
	Tachiayaka (1)
	Taporuri (1)
	Tillering rice mutant (1)
	transgenic forage rice (1)
	Transgenic rice (2)
	Tsushima-akamai (1)
	upland NERICA (2)
	Upland rice (13)
	Waxy rice (1)
	Weedy rice (1)
	Wet-seeded rice (1)
	White-belly rice grain (1)
	White-core kernel (2)
	White-core rice grain (1)
	Wild rice species (1)
	Yumehikari (1)
Rye (1)	<i>Secale cereale</i> (1)
Sorghum (24)	— (7)
	<i>Sorghum bicolor</i> (8)
	Kazetachi (2)
	Sweet sorghum (5)
	Sweet sorghum bagasse (1)
	Wray (1)
Wheat (106)	— (48)
	<i>Triticum aestivum</i> (22)
	<i>Triticum durum</i> (1)
	<i>Triticum turgidum</i> (1)
	Bobwhite (1)
	Bread wheat (4)
	Daichinominori (1)
	Dryland wheat (1)
	Durum wheat (2)
	Haruyutaka (1)
	Maize and wheat yield (1)
	Minaminokaori (3)
	Shiroganekomugi (1)
	Spring wheat (6)
	Wheat cultivar (3)
	Wheat flour (1)
	Wheat Grow model (1)
	Wheat growth stages (1)
	Winter wheat (5)
	Winter wheat cultivars (2)

BEANS (169)

Adzuki bean (1)	
Chickpea (1)	<i>Cicer arietinum</i> (1)
Common bean (4)	— (1)
	<i>Phaseolus vulgaris</i> (3)
Cowpea (7)	— (4)
	<i>Vigna radiata</i> (2)
	<i>Vigna vexillata</i> (1)
<i>Crotalaria</i> (2)	
Faba bean (4)	— (2)
	<i>Vicia faba</i> (2)
Legume (7)	— (5)
	Grain legume (1)
	Leguminous crop (1)
Mungbean (3)	
Pea (2)	— (1)
	<i>Pisum sativum</i> (1)
Peanut (10)	— (3)
	<i>Arachis hypogaea</i> (6)
	Groundnut (1)
Snap bean (4)	

Soybean (122)	— (67) <i>Glycine max</i> (40) <i>Glycine soja</i> (2) Black soybean (1) Cultivated soybean (2) Grain-type soybean (1) Green soybean (1) Maize-soybean intercropping (1) Sakukei 4 (1) soya bean (1) Soybean cultivars (1) Vegetable-type soybean (1) Wild soybean (3)
Velvet bean (1)	
Winged bean (1)	

TUBERS & ROOTS (64)

Beet (1)	
Cassava (7)	— (2) <i>Manihot esculenta</i> (5)
Chinese yam (5)	— (1) <i>Dioscorea opposita</i> (1) Nagaimo (3)
Eddo (6)	— (4) <i>Colocasia esculenta</i> (2)
Garlic (1)	<i>Allium sativum</i> (1)
Lily (1)	<i>Lilium formosanum</i> (1)
Onion (1)	<i>Allium cepa</i> (1)
<i>Pinelliae cordatae</i> (1)	
Potato (10)	— (3) <i>Solanum tuberosum</i> (4) Maturing time of potato cultivars (1) Potato leaf (1) Potato tuberization in vitro (1)
Radish (3)	
Sugar beet (2)	
Sweet potato (14)	— (7) <i>Ipomoea batatas</i> (4) Beniharuka (1) Koganesengan (1) Murasakimasari (1)
Taro (2)	
Turmeric (6)	Turmeric color (1) Turmeric growth and yield (1) Turmeric yield (4)
Yam (4)	— (3) Yamanoimo (1)

GRASSES (33)

<i>Agropyron humidum</i> (1)	
<i>Aneurolepidium chinense</i> (1)	
Barnyardgrass (7)	— (2) <i>Echinochloa</i> (1) <i>Echinochloa colonum</i> (1) <i>Echinochloa crus-galli</i> (1) <i>Echinochloa weed</i> (1) <i>Echinochloa oryzicola</i> (1)
<i>Bromus inermis</i> (1)	
<i>Catapodium rigidum</i> (1)	
Centipedegrass (1)	
Early watergrass (1)	
<i>Elymus humidus</i> (1)	
Grass (3)	
Italian ryegrass (2)	
Japanese lawn grass (1)	
<i>Leymus chinensis</i> (1)	
<i>Lolium</i> (1)	
Manilagrass (1)	
Mascarene grass (1)	
Napiergrass (3)	— (2) Dwarf napiergrass (1)
Perennial ryegrass (1)	
Temperate grasses (1)	
Turfgrass (1)	
<i>Zoysia</i> (3)	

OTHER (207)

Actinorhizal plant (1)	
Allogamous plant (1)	
Amaranthaceae (1)	
<i>Amaranthus</i> (2)	
<i>Amaranthus tricolor</i> (1)	
Amphibious plant (1)	
<i>Angelica sinensis</i> (1)	
Aquatic plant (2)	
<i>Arabidopsis thaliana</i> (1)	
<i>Artemisia capillaris</i> (1)	
<i>Azolla mexicana</i> (1)	
Banana (4)	<i>Musa</i> spp. (4)
<i>Boehmeria</i> (1)	
Brassica crop plant (1)	
Brassicaceae (1)	
Broadleaf (1)	
<i>Bupleurum falcatum</i> (3)	
C3 plant/species (5)	— (4) C3 grasses (1)
C3-C4 intermediate plant/species (2)	
C4 plant/species (8)	
<i>Canna edulis</i> (2)	
Canola (1)	
Chili plant (1)	
Chinese milk vetch (1)	
<i>Cinnamomum cassia</i> (1)	
Coffee (2)	<i>Coffea arabica</i> (1) Coffee grounds (1)
Cotton (8)	— (3) <i>Gossypium hirsutum</i> (4) Bt-cotton (1)
Cover crop (5)	
Cress (2)	
Cucumber (1)	
<i>Cyperus serotinus</i> (1)	
<i>Eleocharis retroflexa</i> ssp. <i>chaetaria</i> (1)	
Energy crop (3)	
<i>Eriachne aristidea</i> (1)	
Erianthus (3)	— (1) <i>Erianthus arundinaceus</i> (1) <i>Erianthus ravennae</i> (1)
<i>Erigeron breviscapus</i> (1)	
Eucalyptus (1)	
Fruit (2)	— (1) Fruit yield (1)
Glasswort (1)	
<i>Gliricidia sepium</i> (1)	
Grapevine (1)	
Green tea waste (1)	
Halophyte (3)	
<i>Helianthus petiolaris</i> (1)	
<i>Hibiscus rosa-sinensis</i> (1)	
<i>Houttuynia cordata</i> (1)	
Ice plant (7)	— (1) Common ice plant (2) <i>Mesembryanthemum crystallinum</i> (4)
Jute (1)	
<i>Kalanchoë</i> (5)	<i>Kalanchoë daigremontiana</i> (3) <i>Kalanchoë pinnata</i> (2)
Kenaf (1)	
Komatsuna (2)	— (1) <i>Brassica rapa</i> var. <i>peruviridis</i> (1)
Lettuce (3)	— (2) <i>Lactuca sativa</i> (1)
Lime (1)	
Linseed (1)	
<i>Lycopersicon esculentum</i> (1)	
Mango (1)	
Mangrove (2)	— (1) Mangrove forest (1)
Medicinal plant (3)	
Monchoria (3)	— (1) <i>Monochoria vaginalis</i> (2)
<i>Moricandia arvensis</i> (1)	

<i>Morus alba</i> (1)	
Mugwort (1)	
Mulberry (4)	— (2)
	Mulberry tree (2)
Neem tree (1)	
Oil palm (1)	
Olive maturity (1)	
<i>Orobanche crenata</i> (1)	
<i>Orobanche foetida</i> (1)	
Pansy (1)	
Patchouli (1)	
Pineapple (3)	<i>Ananas comosus</i> (3)
<i>Pogostemon</i> (1)	
Rapeseed (4)	<i>Brassica napus</i> (3)
	Juvenile rapeseed (1)
Roselle (1)	
Sago palm (8)	— (1)
	<i>Metroxylon sagu</i> (7)
<i>Salicornia europaea</i> (1)	
Sedge (1)	
Sesame (5)	— (2)
	<i>Sesamum indicum</i> (3)
<i>Solanum</i> (1)	
Spinach (2)	
<i>Suaeda japonica</i> (1)	
Sugarcane (10)	— (6)
	<i>Saccharum</i> spp. (1)
	Forage sugarcane (2)
	wild sugarcane (1)
Sunflower (5)	
Tea gardens (1)	
Tomato (1)	
<i>Trapa</i> (2)	
Triticeae (1)	
<i>Umbelliferae</i> (1)	
Vegetable (4)	— (1)
	Greenhouse vegetable (1)
	Intercropped vegetables (1)
	Vegetable yield (1)
Water chestnut (2)	
Weed (18)	— (3)
	Weed biomass (1)
	Weed competitiveness (1)
	Weed control (6)
	Weed growth (1)
	Weed management (1)
	Weed occurrence (1)
	Weed smothering efficiency (1)
	Weed spatial distribution (1)
	Weed suppression (1)
	Weed terference (1)
White clover (1)	
Wild viola (1)	
Winter crops (1)	