

List of herbicides that may be used for direct-seeded rice.

Herbicide name	Weeds controlled	Rate of application	Time of application	Remarks
Butachlor a. Direk 800 + safener b. Sonic 60 EC c. Machete 5G d. Machete 5G	grasses, sedges, and broadleaves	0.75-1.0 L/ha 1.0 L/ha 20 kg/ha 20 kg/ha	2-5 DAS 2-4 DBS 6-8 DAS	Apply to moist and puddled soil. Control water normally after applying without submerging seedlings; spray volume is 200 L/ha. Maintain 2-5 cm water after land levelling. Broadcast seeds 4 days after herbicide application. Drain excess water from the field. Irrigate at 6-8 DAS and maintain water at 2-3 cm for 1-2 days. Irrigate the field 1 day after application. Maintain water at 2-3 cm for 1-2 days. Do not submerge rice seedlings
Butachlor + Propanil a. Advance	annual grasses, sedges, and broadleaves	1.5-2.0 L/ha	6-10 DAS	Apply on saturated soil, flood field 1-3 DAA; spray volume is 200 L/ha.
Bentazon a. Basagran	perennial and annual sedges	2.0 L/ha	weeds at 2-10 leaf stage	Weeds need to be above water line and wet; spray volume is 500 L/ha.
Bensulfuron a. Londax	broadleaves	500-700 g/ha	4-8 DAS	Soil should be fully submerged when applying and water should be retained for at least 4 days. Compatible with other herbicides; spray volume is 80-60 L/ha.
Oxadiazon a. Ronstar b. Ronstar G	grasses, sedges, and broadleaves	1.5-2.0 L/ha	3-5 DAS	Works best with standing water or at least moist soil. Soil must remain moist after application to maintain activity. Compatible with commonly used herbicides; spray volume is 500-600 L/ha.
Thiobencarb a. Saturn	annual grasses and sedges	1.5 L/ha	Pre-emergence (5-7 DBS) Post-emergence (30 DAS)	Keep water low enough to avoid submerging the rice plants.
Pretilachlor a. Sofit	grasses, sedges, and broadleaves	1.0 L/ha	0-3 DAS	Apply on saturated soil; spray volume is 160-224 L/ha.

- 2, 4-D annual sedges 1.0-1.5 L/ha 21-28 DAS Weeds need to be above water line. Reduce water to expose weeds. Re-flood within 2-3 DAA.
- and broadleaves
- a. 2, 4-D amine
- i. Hedonal
- ii. Planter's 2, 4-D amine
- iii. iLead Corp 2, 4-D amine
- iv. 2, 4-D amine EC
- b. 2, 4-D IBE
- i. Weedtrol 40 EC
- ii. 2, 4-D granules
- iii. Planter's 2, 4-D granules
- c. 2, 4-D ester
- i. 2, 4-D ester

Piperophos + 2, 4-D a. Rilof H	annual grasses, sedges, and broadleaves	1.0 L/ha	6-10 DAS	Apply on saturated soil. Flood field 1-3 DAA. Spray volume is 200 L/ha.
MCPA a. Agroxone S	annual grasses, sedges, and broadleaves	1.5-2.5 L/ha	25-30 DAS	Weeds need to be above water line. Reduce water to expose weeds. Re-flood within 2-3 DAA.
Metsulfuron + Chlorimuron a. Almix 20WP (maroon sachet)	Broadleaves and sedges	30 g/ha	20-35 DAS	field with 2-3 cm water. If sprayed on saturated soil, re-irrigate after 3-4 days. Symptoms appear at 5-7 days after spraying. Spray volume is 160 L/ha.
Bispyribac Sodium a. Nominee	annual grasses except <i>L. chinensis</i> , sedges, and broadleaves	250 ml/ha	8-15 DAS	Drain excess water before spraying for target weeds to appear one-half part over water surface and re-irrigate during 1-3 DAA.
Cyhalofop a. Clincher	annual grasses	1.0 L/ha	10-15 DAS	Soil must be saturated during application. Re-irrigate 3 DAA.
Bensulfuron methyl + flufenacet a. Drago	sedges, broadleaves, and annual grasses	170+100 g/ha	2-6 DAS	Soil must be fully covered with water during application (3-5 cm water) and maintained for 4 DAA
Fentrazamide+ propanil a. Lecspro	annual sedges, and broadleaves	1.5-1.75 kg/ha	4-8 DAS	Soil must be saturated during application. Re-irrigate at 3 DAA.
Clomazone + propanil a. Compro	annual grasses, sedges, and broadleaves	1.0 L/ha	7-10 DAS	Apply on saturated soil. Re-irrigate field 3 DAA. Leaf whitening appears at 5-7 DAA but will soon disappear.

*** PhilRice is not promoting or endorsing any of these products.**

DAA -days after application; DAS -days after sowing; DBS -days before seeding