Use this calendar to plan out your cropping season. Here is a list of some possible activities you do during the season, however feel free to add/delete as required.

NAME: Field 2 Size: 1500 sq m Seed Variety:\_\_\_NSIC Rc218\_\_\_\_\_\_\_\_ Dry seeding\_\_\_ Transplanting\_\_\_x\_\_\_ (please tick)

| Activity | Timing DAS=Days after sowing; DAT=Days after transplanting; DAP=Days after planting (nursery) | Anticipated date | Comments |
| --- | --- | --- | --- |
| Variety Selection |  | 30Nov | NSIC Rc 218 |
| Plan sowing method: transplant (manual v. machine) or direct (dry seed drill v. drum seed v. broadcast) |  | 30Nov | Manual Transplanting |
| Planning of fertilizer application using Nutrient Manager |  | 30Nov | 14-14-14 20kg at 0-14 DAT  Urea 12kg at 26-32 DAT  Urea 15kg at 43-47 DAT |
| Planning of weed management |  | 30Nov | 1. Wet land preparation with deep cultivation and puddling; 2) Continuous flooding 2-4 cm depth; 3) clean bunds |
| Planning of pest and disease management |  | 30Nov | Snails – Hand picking and bait leaves  Rats – bait traps and clean bunds  Insects and disease – To be determined |
| Planning of field preparation |  | 30Nov | wet preparation |
| Fallow (glyphosate spray if applicable) | ~-30 DAS/DAT | 3 Dec |  |
| Fallow (plough stubble if applicable) | ~-30 DAS/DAT | 13Dec | 4wheel tractor with disc plow 2x |
| Bund – maintenance and repair | -20 to 0 DAS/DAT | 13 Dec | Clean bunds, fill holes |
| Nursery Soil Preparation | -7 to -1 DAP | 15Dec | Prepare wet bed nursery |
| Breaking seed dormancy | -2 DAP | 20Dec | Soak seeds for 24hrs, then dry for 24hrs |
| Seeding Nursery/Sowing field | 0DAP | **22Dec** | **Sow seeds in wet bed nursery** |
| Wet prep: Land soaking | -30 to -14DAT | 13Dec-27Dec | 14 days of flooding to decompose stubble and soften soil |
| Wet prep - Puddling, harrowing, levelling: apply water, puddle 2-3x, harrow 2-3x, level | -14 to -4 DAT | 27Dec-4Jan | 27Dec - 2 wheel power tiller with rotavator 2x  30Dec - 2 wheel power tiller with harrow 2x  4Jan - Third harrow with plank leveler |
| Dry prep: sufficient time for drying is needed if machine sowing | -5DAT |  |  |
| Herbicide-apply Pretilachlor/Butachlor (if applicable) | -2 to 2 DAS/DAT |  | No need – managing weeds with water |
| Transplant | 14-20 DAP | **10Jan** | **Transplant 19 day old seedlings** |
| Apply water | ~ DAS/DAT | 10Jan-25Jan | Maintain water at 2-5cm |
| Basal fertilizer | 0-14 DAS/DAT | 15Jan | 20kg 14-14-14 |
| Golden Apple Snail- check control | 0-30 DAS/DAP | 10Jan-21Jan | Hand pick until seedlings are 30 days old |
| Water Management 3-10cm | 0 DAS to 10-14 days before harvest | 25Jan-28Apr | Maintain 3-10cm water |
| Post emergent weed control | 14 to 21 DAS/DAT | 24-31Jan | If weeds, apply post emergent herbicide |
| Pest and disease monitoring and control | Early tillering to harvest | 25Jan – 10May | monitor |
| Nitrogen topdressing, Nutrient Manager | Tillering | 10Feb | 12kg of urea at 30DAT |
| Weeds check – no weeds | 30-40 DAS/DAP | 10-20Feb | Hand weed if any weeds |
| Fertilizer – Panicle initiation | 40-50DAT | 25Feb | 15kg urea at 45 DAT |
| Drain water | 10-14 days before harvest | 26Apr-1May | Drain |
| Harvest | 22-24% moisture | 10May | Combine harvest at 22% MC |
| Drying | Post harvest | 10May-12May | Flatbed dryer |
| Storage | Post harvest | 12May-20Sep | Superbag storage |
| Milling | Post harvest | 20Sep | Mill as brown rice |
| Marketing | Post harvest | 20Sep | Higher value for brown rice |
| Sale | Post harvest | 20Sep | Higher value because off-season and brown rice |