

Running Experiments of different divisions of BTRI (2020)

SL	Title	Division
1.	Effect of Vermicomposting on soil properties, growth and yield of mature tea.	Soil Science (09)
2.	Studies on physical properties of some selected tea soils of Bangladesh & their influence on yield of tea.	
3.	Status of Micronutrient (B, Mo, Zn, Mn, Fe & Cu) in some selected tea soils and its effects on the growth & yield of young tea and mature tea	
4.	Present status of toxic heavy metals (Pb, Cd, Hg, Cr) in tea soils, green leaves and made tea in Bangladesh	
5.	Use of Bio-char as a soil amendment and its effect on tea soil properties	
6.	Determination of critical values of nutrients in tea soil and plant leaf in Sylhet, Chittagong and Panchagarh region.	
7.	Conservation agriculture management of tea plantation by the help of natural Jangle, plant residues and weeds from garden resources and compare with conventional agriculture management	
8.	Effect of different mulching materials on soil properties, earthworm population and growth of young tea	
9.	Effect and suitability study between tea waste and infused tea on soil properties and yield of mature tea	
10.	B1-28: Selection of vegetative clones at Amo T. E., Section nos. 8 & 11.	
11.	B1-27: Selection of vegetative clones at Shumshernugger T. E., Section Main Div. Sec. No. 9.	
12.	B1-31: Selection of vegetative clones at Baraoorah T. E., Section nos. 8.	
13.	B2-36: Yield and Quality Trial of Test clones Selected from Amo T. E. Test clones A/8/01, A/17/22, A/22/27 and A/22/40 against Control BT1.	
14.	B2-38: Yield and Quality Trial of Test clones Selected from Chandpore, Shumshernugger and Amo T. Es.; Test clones C/J1/10, Sh/B/6/59, Sh/B/6/62 and A/8/24 against Control BT2.	
15.	B2-39: Yield and Quality Trial of Four Test clones Selected from Shumshernugger T.E.; Test clones Sh/B/6/36, Sh/B/6/38, Sh/B/6/55 and Sh/B/6/67 against Standard BT1.	
16.	B2-40: Yield and Quality Trial of Six Test clones – MZ/39, E/4, D/13, B2T1, BR2/97 and SDL/1 against Standard BT2.	
17.	B2-41: Yield and Quality Trial of Four Test clones Selected from Amo T. E.; Test clones – A/8/37, A/8/55, A/8/62 and A/8/66 against Standard BT2.	
18.	B2-42: Yield and Quality Trial of Four Test clones Selected from Phulcherra, Amo and Shumshernugger T. Es.; Test clones – A/17/16, Ph/9/1, Ph/9/9 and Sh/B/6/46 against Standard BT1.	
19.	B2-43: Yield and Quality Trial of Four Test clones Selected from Phulcherra and Hybrid Progeny; Test clones– Ph/9/4, Ph/9/25, Ph/9/40 and BS/67 against Standard BT5.	
20.	B2-44: Yield and Quality Trial of Three Test clones Selected from Amo and Phulcherra T. Es.; Test clones– A/8B/1, Ph/9B/1, Ph/9/11 and against Standard BT1.	
21.	B2-45: Yield and Quality Trial of Three Test clones Selected from Amo,	

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	Phulcherra and Shumshernugger T. Es.; Test clones- A/8/61, Ph/9/68A, Sh/D/11/18 and One 13 Introduced Clone SC/12/28 against Standard BT2.	
22.	B2-46: Yield and Quality Trial of Four Test clones Selected from BTRI Farm (Dulia Section); Test clones – D1/18, D/6, D/10 and D/12 against Standard BT5 (BTRI, 2005-2022).	
23.	B2-47: Yield and Quality Trial of Four Test clones Selected from Phulcherra T. E. and BTRI Germplasm Bank; Test clones-Ph/9/92, BS/3, Ph/9/108 and G/61/8 against Standard BT15 .	
24.	B2-48: Yield and Quality Trial of Four Test clones Selected from Shumshernugger and Amo T. Es. Test clones – A/8/124, Sh/10/2, A/8/125 A/11/38 against Standard BT2.	
25.	B2-49: Yield and Quality Trial of Four Test clones Selected from Shumshernugger T.E. (Sh/10/5, Sh/D/13/4 and Amo T. Es. Test clones – A/8/128, BS/91/6, against Standard BT2.	
26.	B2-50: Yield and Quality Trial of Four Test Clones Selected from Baraoorah T.E., Shumshernugger T.E. and Amo T. Es. Test Clones – B/8/79, Sh/9/43 and A/8/194 against Standard BT2 and BT17.	
27.	B2-51: Yield and Quality Trial of four Test Clones Selected from Baraoorah T.E., Shumshernugger T.E. Test Clones – B/8/79 and Sh/9/71, A/8/291, A/8/301 against Standard BT2.	
28.	B2-52: Yield and Quality Trial of four Test Clones Selected from Baraoorah T.E., and Shumshernugger T.E. Test Clones – B/8/66, Sh/8/61, A/8/289, A/8/305, against Standard BT2.	
29.	B2-53: Yield and Quality Trial of Four Test Clones Selected from Baraoorah, Shumshernugger and Mirzapure T.E. (T1, T2, T3 and T4 against Standard BT2).	
30.	B2-54: Yield and Quality Trial of Four Test Clones Selected from Amo T.E. Test Clones–A1, A2, A3 and A4 against Standard BT2 at Bilashcherra experiment farm	
31.	B2-55: Yield and Quality Trial of Four Test Clones Selected from Amo T.E., Baraoorah T.E., and Shumshernugger T.E. Test Clones–A5, A6, B1 and S1 against Standard BT2 at Bilashcherra experiment farm	
32.	B3-1.1: Controlled pollination between selected clones/ agrotypes.	
33.	B3-1.5: Establishment of a Biclinal Seedbarie with Clones TV18 and BT3.	
34.	B3-1.8: Comparative Yield and Quality Trial of BTRI Released Biclinal Stock BTS1, Biclinal Stock T18B3, Allynugger Polyclonal Stock (ANPS), Phulbari General Seed Stock (PBS) and Clone BT1 (BTRI, 1999-2018)	
35.	B3-1.9: Comparative Trial of 4 Biclinal Seed Stocks (BTS1, BTS3, TV18 × BT3 & TS463) and 3 Parental Clones (BT1, TV1 & TV19) (2002-2018)	
36.	B3-8: Survey and Conservation of Gene Resources of Tea in Bangladesh (BTRI, 1981-2018)	
37.	B4-10: Effect of drought on morpho-physiological and water relations traits in tea clones at nursery level (2018-).	
38.	B4-11: Effect of drought on morpho-physiological and water relations traits in tea clones at field level.	
39.	B4-12: Sustainable protocol development of artisan tea and different kinds of value added tea	

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40.	Development of a new pruning cycle for higher and sustainable tea yield in the context of present climate change.	
41.	Effect of different types of plucking policies on yield and quality of tea.	Agronomy (07)
42.	Development of a tool for easy and effective transplanting of tea saplings in the nursery	
43.	Effect of different types of compost on growth and development of clonal tea.	
44.	Effects of foliar application of Urea, MOP and DAP on growth, development and yield of tea Effect of different types of pruning on yield and organoleptic quality of clonal tea.	
45.	Mechanization in pruning and its impact on the yield of tea	
46.	Implementation of grafting technique to produce composite tea plant in the nursery for increasing yield and drought resistance capacity of the plant	
47.	Evaluation of some commercial biopesticides against Red Spider mite, Looper caterpillar and trips.	
48.	Ethoprophos: An alternative chemical options for nematode control in tea	Entomology (03)
49.	Screening of pesticides against <i>Helopeltis</i> , Red spider mite, Termites, Nematodes and Thrips in tea.	
50.	Economic efficiency of the test clones of BTR	
51.	Adoption and comparative performance of BTRI matured technologies in the tea industry of Bangladesh	Statistics & Economics (2)
52.	Management of tea diseases with Plant Growth Promoting Rhizospheric microbes (PGPR)	
53.	Identification of potential infection source of Epiphytic red rust disease of tea	Pathology (6)
54.	Effect of leaf reduction on the incidence of epiphytic red rust (leaf rust) of tea under MSK and LSK skiff operation (2020-24)	
55.	Studies on integration and economics of nitrogen fertilizer and Integrated Weed Management in young mature tea (2020-22)	
56.	Reduction of weed infestation through integrated weed management practices in mature tea plantations (2019-20)	
57.	Screening of new fungicides and herbicides against different diseases and weed in tea	

Total Running Experiment: 57